# This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:
☐ BLACK BORDERS
☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
☐ FADED TEXT OR DRAWING
☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
☐ SKEWED/SLANTED IMAGES
☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
☐ GRAY SCALE DOCUMENTS
☐ LINES OR MARKS ON ORIGINAL DOCUMENT
☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
OTHER:

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.



Subscribe (Full Service) Register (Limited Service, Free) Login

Search: 

The ACM Digital Library 
The Guide

**US Patent & Trademark Office** 

33.1(11)

### **Nothing Found**

Your search for did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

### **Quick Tips**

• Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

 Capitalize <u>proper nouns</u> to search for specific people, places, or products.

John Colter, Netscape Navigator

• Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

Narrow your searches by using a + if a search term <u>must appear</u> on a page.

museum +art

• Exclude pages by using a - if a search term <u>must not appear</u> on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

<u>Terms of Usage Privacy Policy Code of Ethics Contact Us</u>

Useful downloads: Adobe Acrobat QuickTime Mindows Media Player



US Patent & Trademark Office

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: • The ACM Digital Library • The Guide

local <near/10> telephone <near/10> servic\* <near/10> outs

110

THE ACM DIGITAL LIBRARY	Advanced Search	?] <sub>Search</sub> Tips
Enter words, phrases or names below. Surround phrase	es or full names with double quotation ma	rks.
Search within Results: 8,965 found	,	
local <near 10=""> telephone <near 10=""> servic* <near 10=""> outside</near></near></near>	Clear result set	
Desired Results: must have all of the words or phrases	Name or Affiliation: Authored by:   Authored by:	e
must have <b>any</b> of the words or phrases	Edited by: • all • any • non	e
must have <b>none</b> of the words or phrases	Reviewed by: • all • any • non	e
Only search in:* ○ Title ○ Abstract ○ Review ● All Information		
*Searches will be performed on all available information	on, including full text where available, unle	ess specified

ISBN / ISSN:   Exact ○ Expand	DOI: © Exact O Expand	[3538 <b>0</b> ]
Published:	Conference Proceeding:	
By:   all O any O none  none	Sponsored By:	
In: ● all O any O none	Conference Location:	
Since: August 2000 •	Conference Year:	
Before:    Month   Year   Year		
As: Any type of publication		

Classification: (CCS)	Results must have accessible:
Classified as: ● all O any O none	☐ Full Text ☐ Abstract ☐ Review
Subject Descriptor:   all O any O none	
Keyword Assigned:   all O any O none	

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

<u>Terms of Usage Privacy Policy Code of Ethics Contact Us</u>

IEEE HOME : SEARCH IEEE : SHOP : WEB ACCOUNT ! CONTACT IEEE



#### Standards Conferences Welcome United States Patent and Trademark Office » Sea **Quick Links** FAQ Terms IEEE Peer Review Molecone to IEEE Aprove Your search matched **0** of **1058483** documents. O- Home A maximum of 500 results are displayed, 15 to a page, sorted by Relevance O- What Can Descending order. I Access? ( )- Log-out Refine This Search: You may refine your search by editing the current search expression or enteri Tables of Coments new one in the text box. )- Journals local <near/10> telephone <near/10> servic\* <near/10> Search & Magazines ☐ Check to search within this result set )- Conference **Proceedings Results Key:** ( )- Standards JNL = Journal or Magazine CNF = Conference STD = Standard Search O- By Author O- Basic Results: No documents matched your query. Advanced Aleman and () Join IEEE **)**- Establish lEEE Web Account O- Access the IEEE Member

Print Format

Digital Library

IEEE Enterprise File Cabinet

Access the

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE - All rights reserved

L Number	Hits	Search Text	DB	Time stamp	
1	289	telecommunication\$1 near10 network\$3 near10 manag\$4 near10 servic\$4	USPAT; US-PGPUB;	2004/08/05 09:08	
		nouse manager nearto pervisor	EPO; JPO; DERWENT;	33,00	
2	558	operation\$1 adj1 architecture\$1	IBM_TDB USPAT;	2004/08/05	
			US-PGPUB; EPO; JPO; DERWENT;	09:08	
3	3		IBM_TDB USPAT;	2004/08/05	
		mobile) and 709/223-225.ccls.	US-PGPUB; EPO; JPO; DERWENT;	09:08	
			IBM_TDB		
4	73	provid\$6 near10 local\$1 near10 servic\$4 near10 roam\$4	USPAT; US-PGPUB;	2004/08/05 09:09	
			EPO; JPO; DERWENT;		
5	2235	709/223-225.ccls. and network\$3 near3	IBM_TDB USPAT;	2004/08/05	
3	2233	manag\$4	US-PGPUB;	09:09	
			EPO; JPO; DERWENT;		
6	27	709/223-225.ccls. and operation\$1 adj1	IBM_TDB USPAT;	2004/08/05	
	2.7	architecture\$1	US-PGPUB;	09:09	
			EPO; JPO; DERWENT;		
7	5	provid\$4 near10 telephon\$4 near10 call\$3	IBM_TDB USPAT;	2004/08/05	
,	J	near10 appear\$4 near10 local	US-PGPUB;	09:09	
			EPO; JPO; DERWENT;		
11	176	protocol\$1 near10 local near10	IBM_TDB USPAT;	2004/08/05	
***		telephone\$1 and @ad<19991130	US-PGPUB;	09:09	
			EPO; JPO; DERWENT;	·	
8	109	709/223-225.ccls. and sniffer\$1	IBM_TDB USPAT;	2004/08/05	
		,	US-PGPUB; EPO; JPO;	09:09	
			DERWENT;		
9	80	protocol\$1 near10 local near10	IBM_TDB USPAT;	2004/08/05	
		telephone\$1 near10 network\$4 and @ad<19991130	US-PGPUB; EPO; JPO;	09:09	
			DERWENT;		
10	193	(telephone\$1 near10 protocol\$1 near10	IBM_TDB USPAT;	2004/08/05	
		(convert\$4 conversion\$3)).ab.ti. and @ad<19991130	US-PGPUB; EPO; JPO;	09:09	
			DERWENT; IBM TDB		
12	91	satellite\$1 near5 interface\$1 near10 mobile	USPAT	2004/08/05	
13	143	telecommunication\$1 near10 network\$3	USPAT;	2004/08/05	
		near10 manag\$4 near10 servic\$4 and @ad<19991130	US-PGPUB; EPO; JPO; DERWENT;	09:11	
	0.0	700/222-225 cold and one to see to	IBM_TDB	2002/02/24	
-	250	709/223-225.ccls. and operat\$5 near5 architecture\$1	USPAT; US-PGPUB;	2003/03/24 09:24	
			EPO; JPO; DERWENT;		
			IBM TDB		ļ

-	113	(709/223-225.ccls. and operat\$5 near5	USPAT;	2003/03/24	1
		architecture\$1) and (709/223-225.ccls.	US-PGPUB;	09:24	
		and network\$3 near3 manag\$4)	EPO; JPO;		
			DERWENT; IBM TDB		1
_	7	((709/223-225.ccls. and operat\$5 near5	USPAT;	2003/03/24	İ
	,	architecture\$1) and (709/223-225.ccls.	US-PGPUB;	09:28	ĺ
		and network\$3 near3 manag\$4)) and	EPO; JPO;		-
		(709/223-225.ccls. and sniffer\$1)	DERWENT;		1
			IBM_TDB		į
-	0	telecommunication\$1 near10 network\$3 and	USPAT;	2003/07/09	
		provid\$4 near10 servic\$4 near10 (user\$1	US-PGPUB;	09:11	
		or customer\$1) near10 outside near10	EPO; JPO;		
		area\$1 near10 local and @ad<19991130	DERWENT; IBM TDB		
_	4	telecommunication\$1 near10 network\$3 and	USPAT;	2003/07/09	
	1	provid\$4 near10 servic\$4 near10 (user\$1	US-PGPUB;	09:11	
		or customer\$1) near10 outside near10	EPO; JPO;		
		area\$1 and @ad<19991130	DERWENT;		
			IBM_TDB		
-	28	provid\$4 near10 telephon\$3 near10	USPAT;	2003/07/09	
		servic\$4 near10 outside near10 area\$1	US-PGPUB;	09:51	
			EPO; JPO;		
			DERWENT; IBM TDB		
_	175	709/223-225.ccls. and operation\$1 adj1	USPAT;	2003/07/10	
	1/3	management	US-PGPUB;	08:40	
		·	EPO; JPO;		
			DERWENT;		
		,	IBM_TDB		1
-	2089516		USPAT;	2003/07/10	
		output near10 "64" near3 bit near5 data	US-PGPUB;	08:43	
			EPO; JPO;		
			DERWENT; IBM TDB		
_	15	input near5 "32" near3 bit near5 data	USPAT;	2003/07/14	
		near10 output near10 "64" near3 bit near5	US-PGPUB;	09:20	
		data	EPO; JPO;		
		·	DERWENT;		
			IBM_TDB		
_	21	avellino.in.	USPAT;	2003/07/15	1
			US-PGPUB; EPO; JPO;	09:27	
			DERWENT;	4	
			IBM TDB		
_	82	avellino	USPAT;	2003/07/15	
			US-PGPUB;	09:35	
			EPO; JPO;		
			DERWENT;		
		avollino va	IBM_TDB USPAT;	2003/07/15	
-	4	avellino.xa.	USPAT; US-PGPUB;	11:12	
	1		EPO; JPO;		
			DERWENT;		
			IBM_TDB		
-	323	paintball	USPAT;	2003/07/15	
			US-PGPUB;	11:12	
			EPO; JPO;		
			DERWENT; IBM TDB		
_	166	paintball.ti.	USPAT;	2003/07/15	
_	100	Parincpari.cr.	US-PGPUB;	11:12	
			EPO; JPO;		1
			DERWENT;		
			IBM_TDB		
-	90	paintball adj1 gun\$1.ti.	USPAT;	2003/07/15	-
			US-PGPUB;	11:13	
			EPO; JPO; DERWENT;		
			IBM TDB		
		L	, <u></u> -	J.,	┙

_	136	telecommunication\$1 near10 network\$3	USPAT;	2003/10/17
		near10 manag\$4 near10 servic\$4 and	US-PGPUB;	10:52
		@ad<19991130	EPO; JPO;	
	]		DERWENT;	
			IBM_TDB	
-	18509204	protocol\$1 near10 local near10	USPAT;	2004/07/29
		telephone\$1 near10 network\$4and	US-PGPUB;	08:24
		@ad<19991130	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	388	telephone\$1 near10 protocol\$1 near10	USPAT;	2004/07/29
		(convert\$4 conversion\$3) and @ad<19991130	US-PGPUB;	08:41
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	